

FIG. 1A

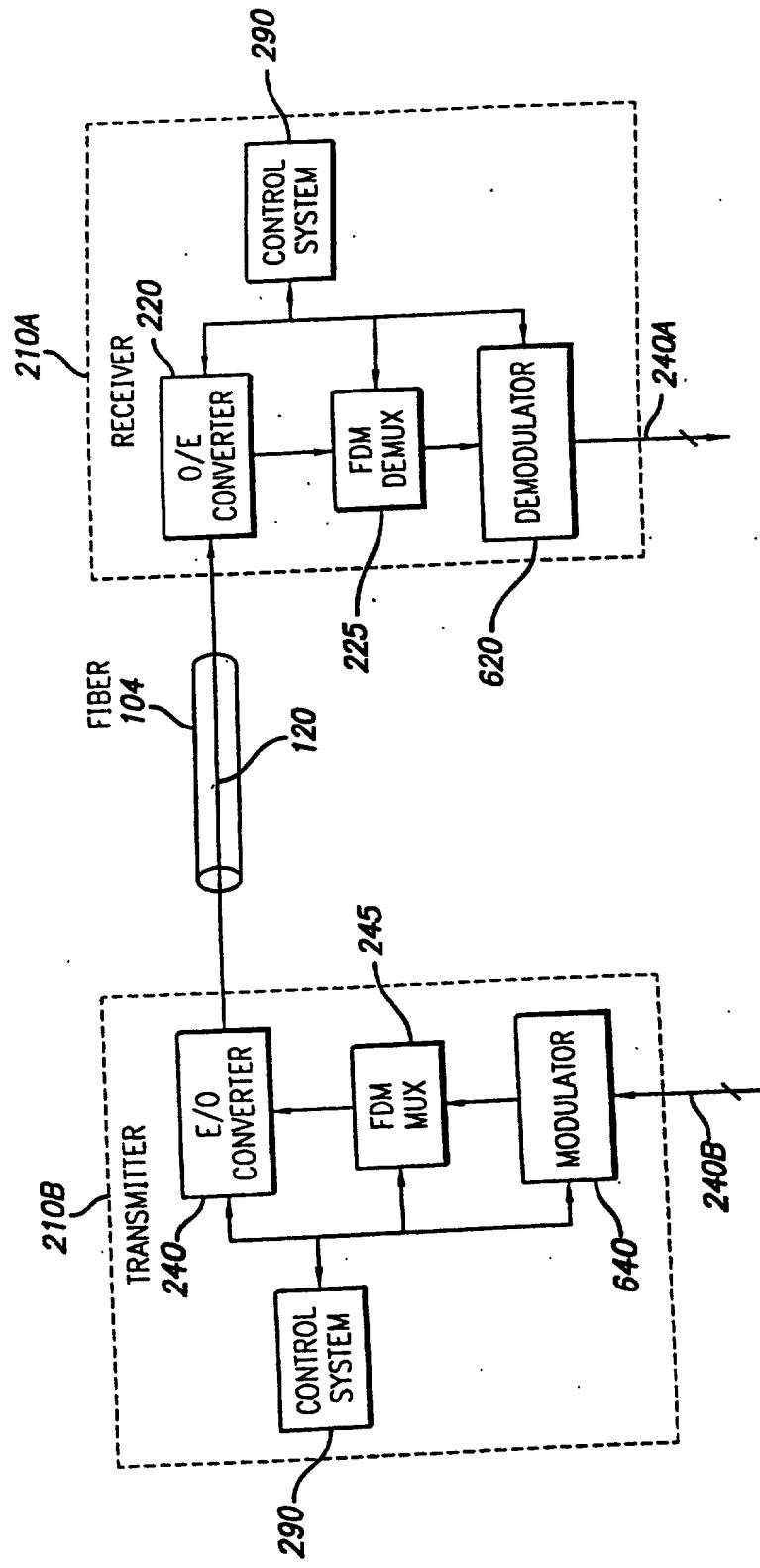


FIG. 1B

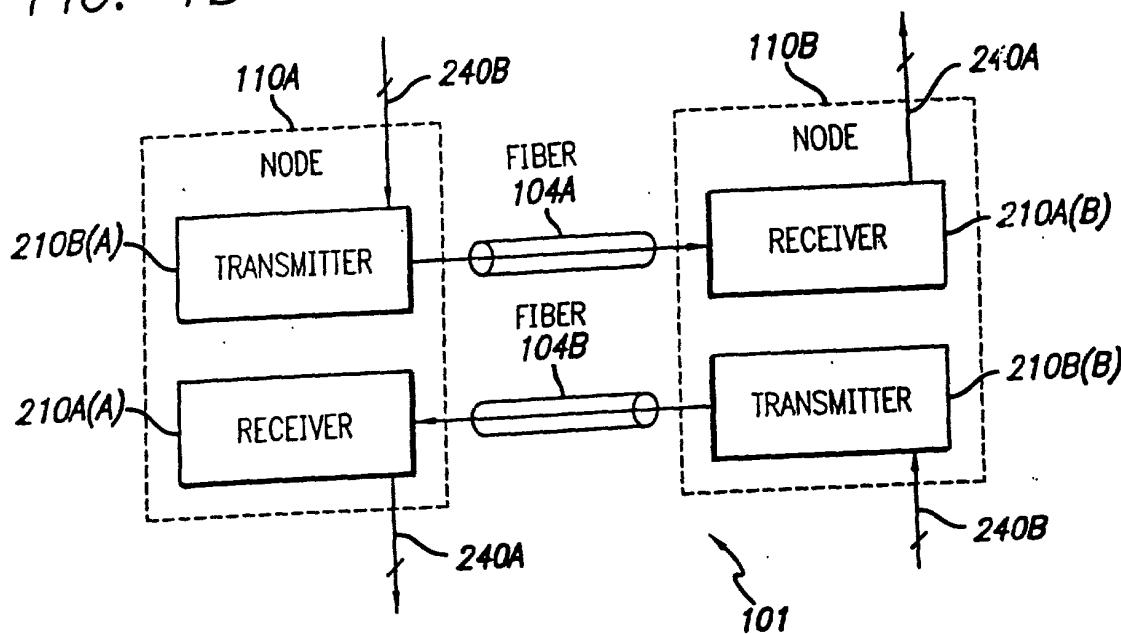


FIG. 2

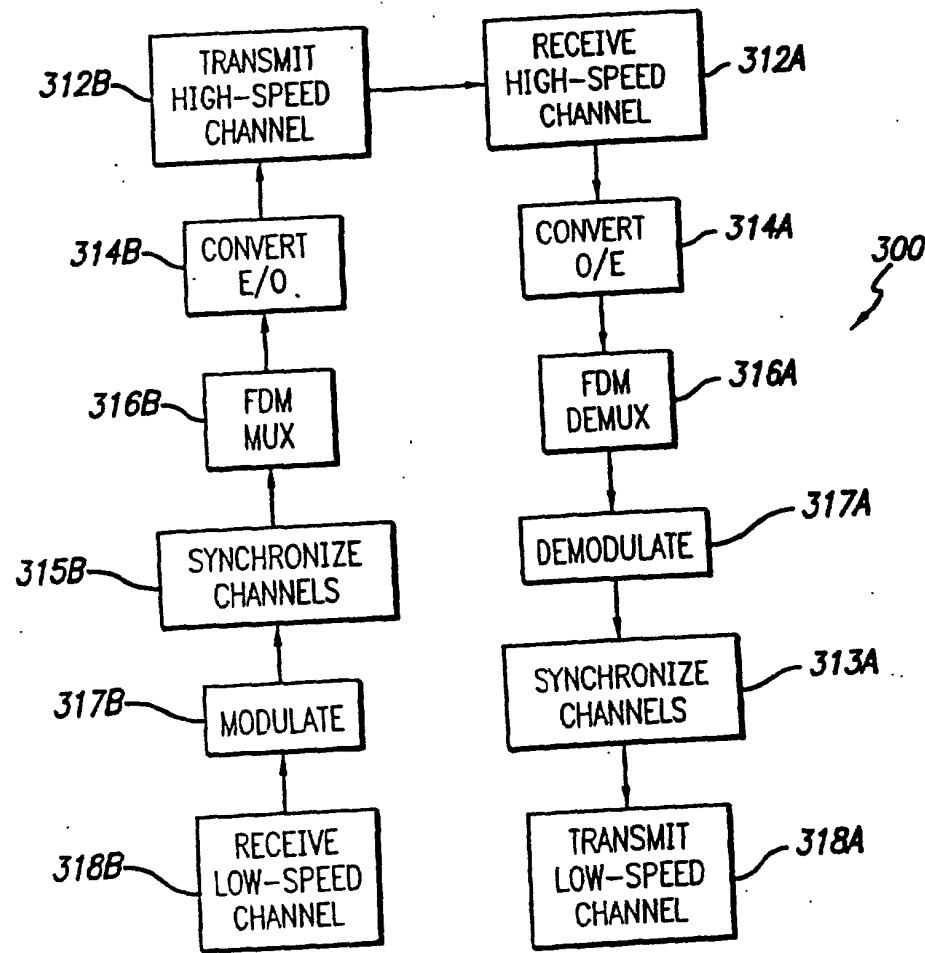


FIG. 3A

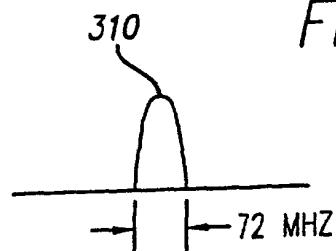


FIG. 3B

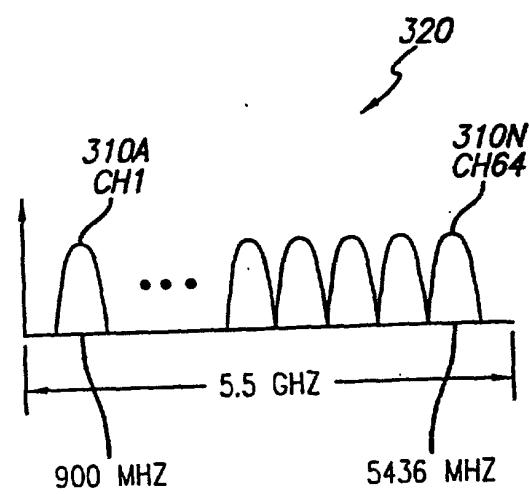


FIG. 3C

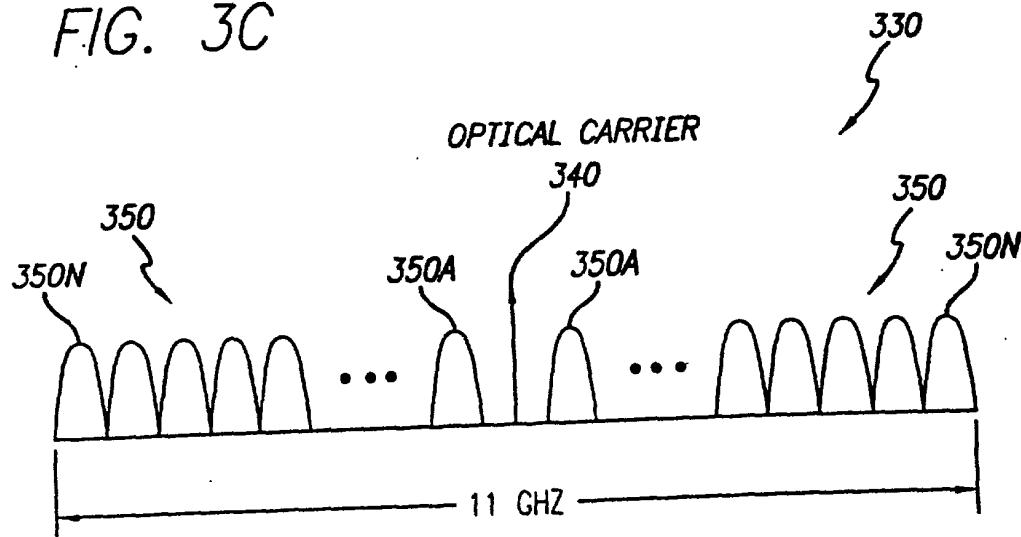


FIG. 4A

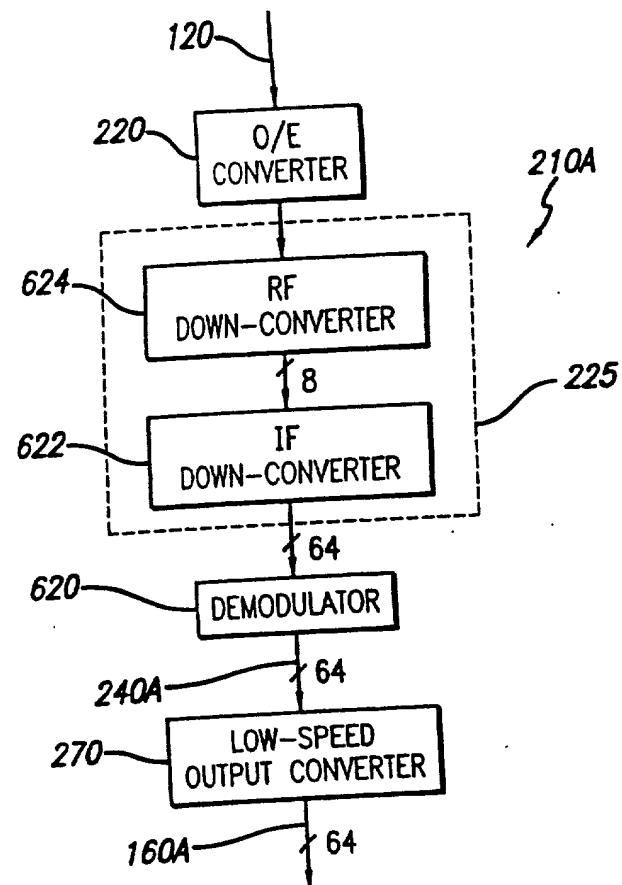
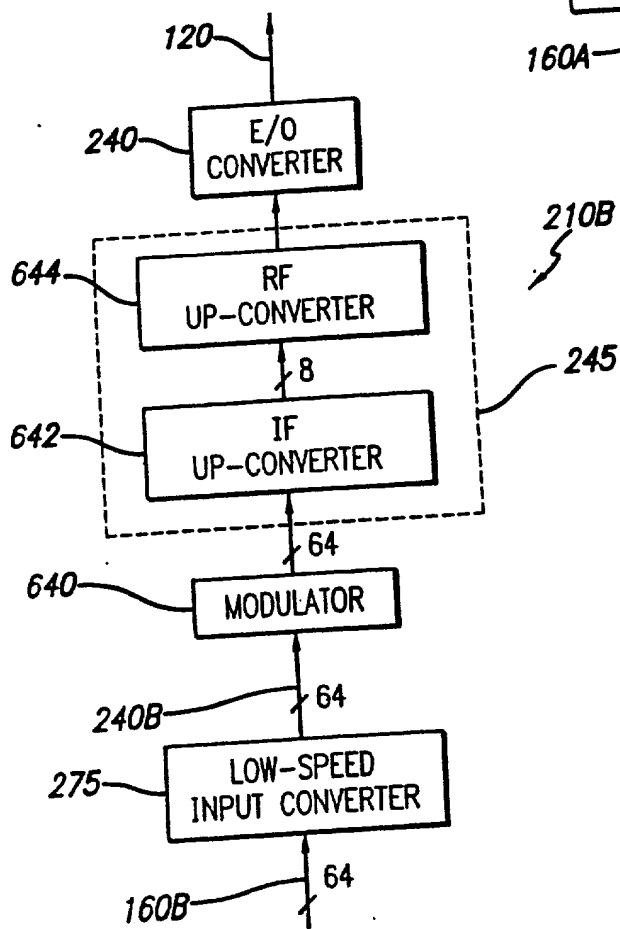
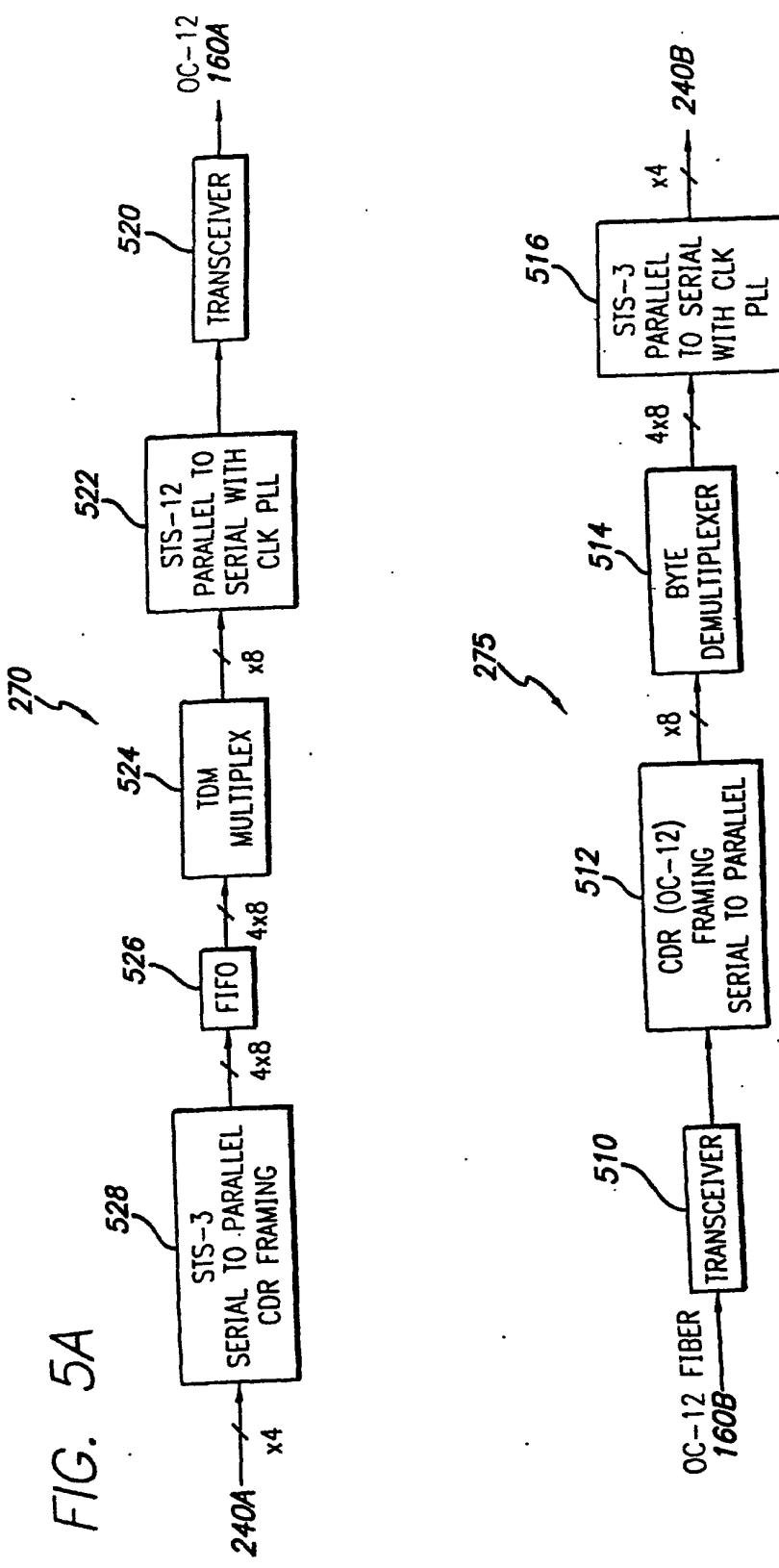


FIG. 4B





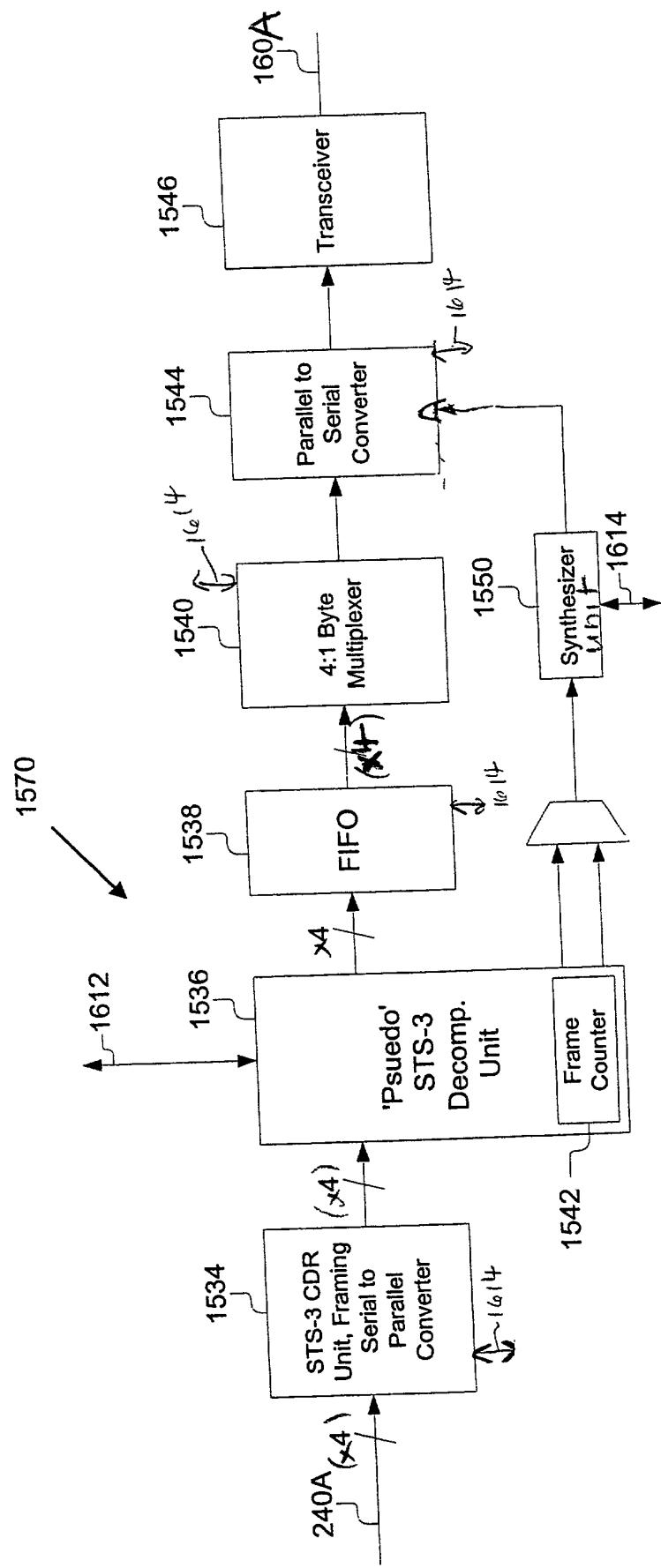


Figure 5C

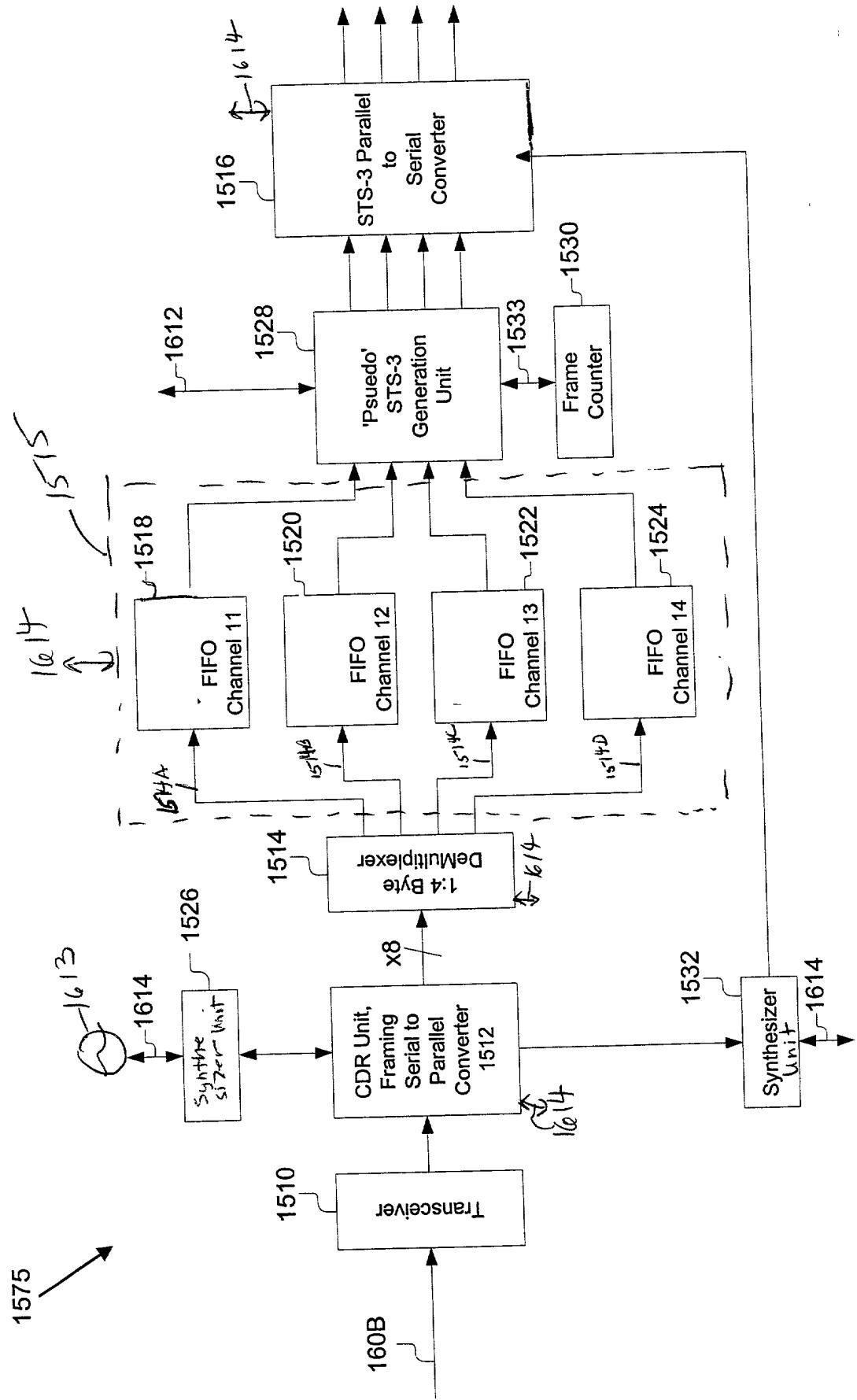


Figure 5D

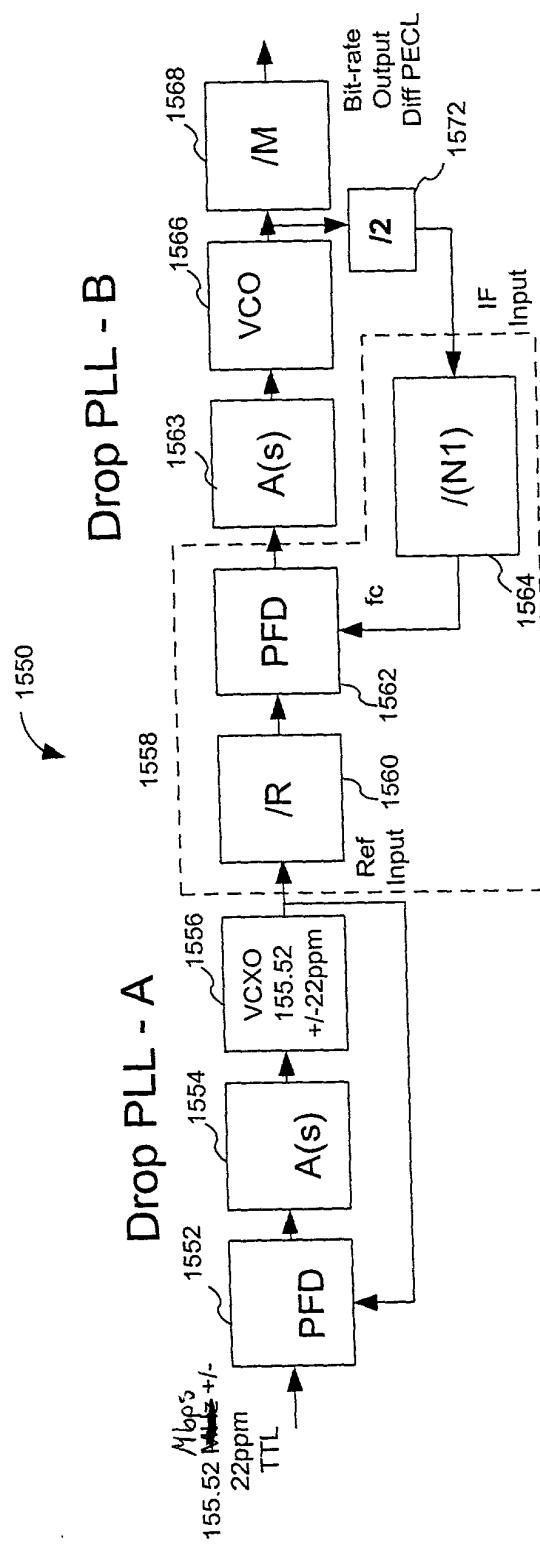


FIG. 5E

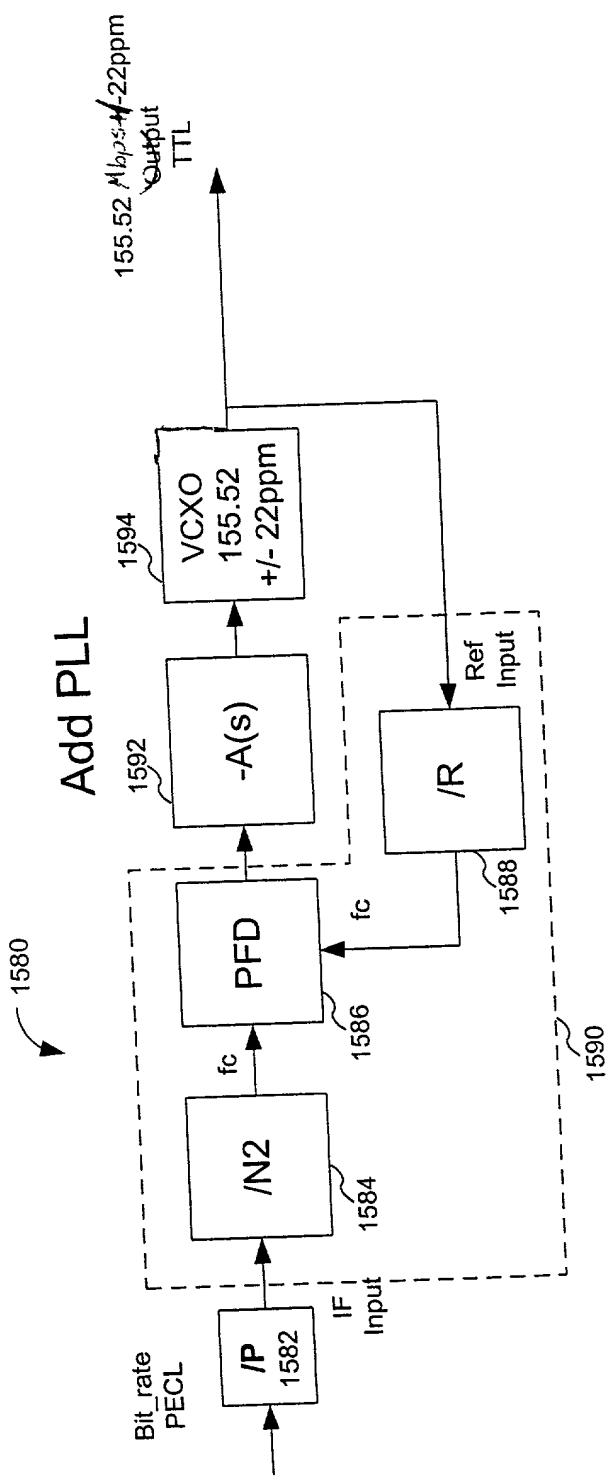


FIG. 5F

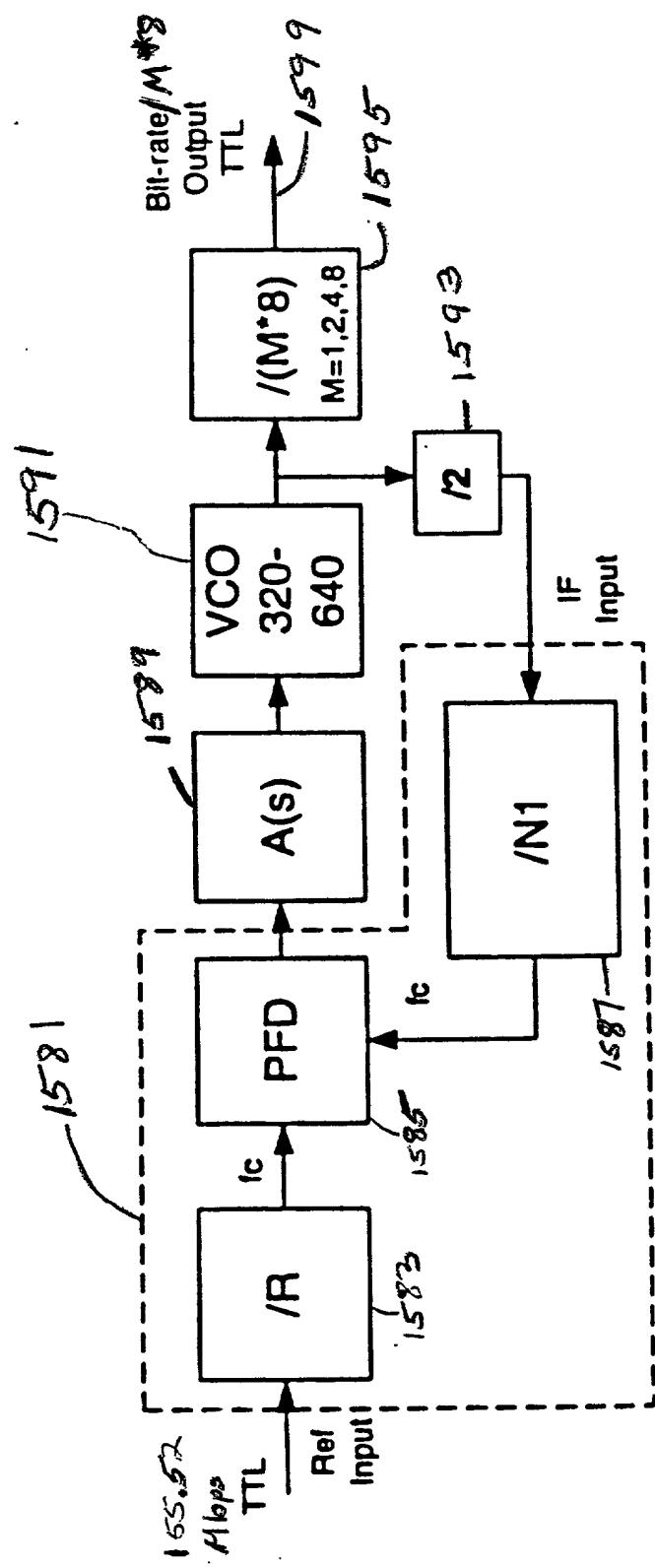


FIG. 5G

FIG. 6A

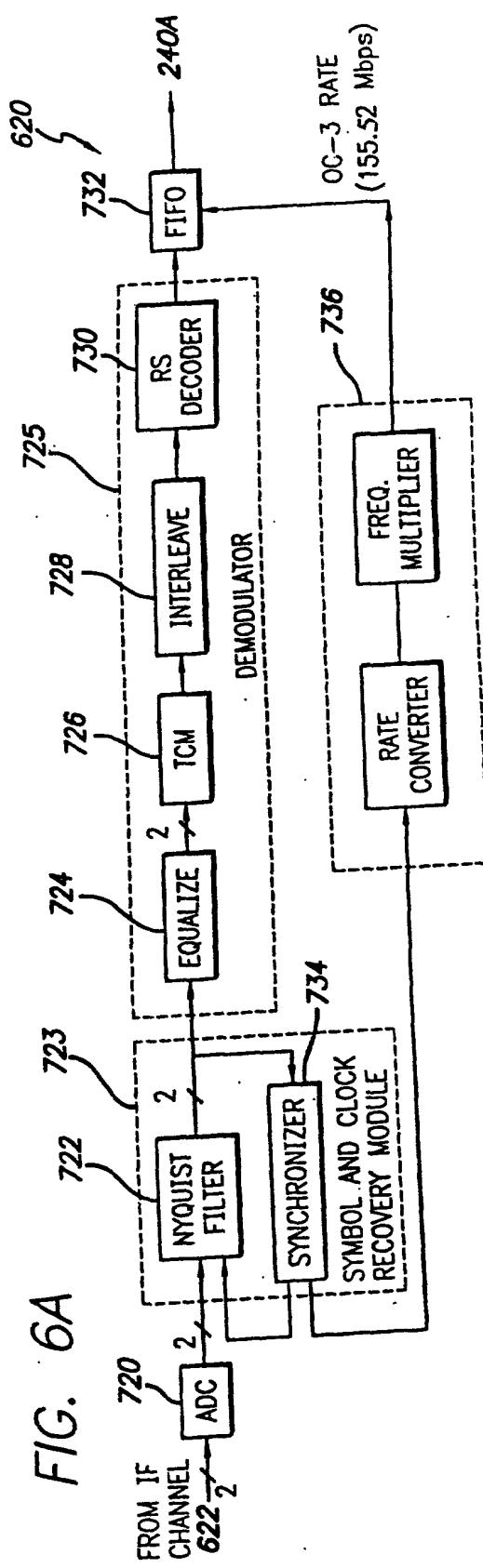
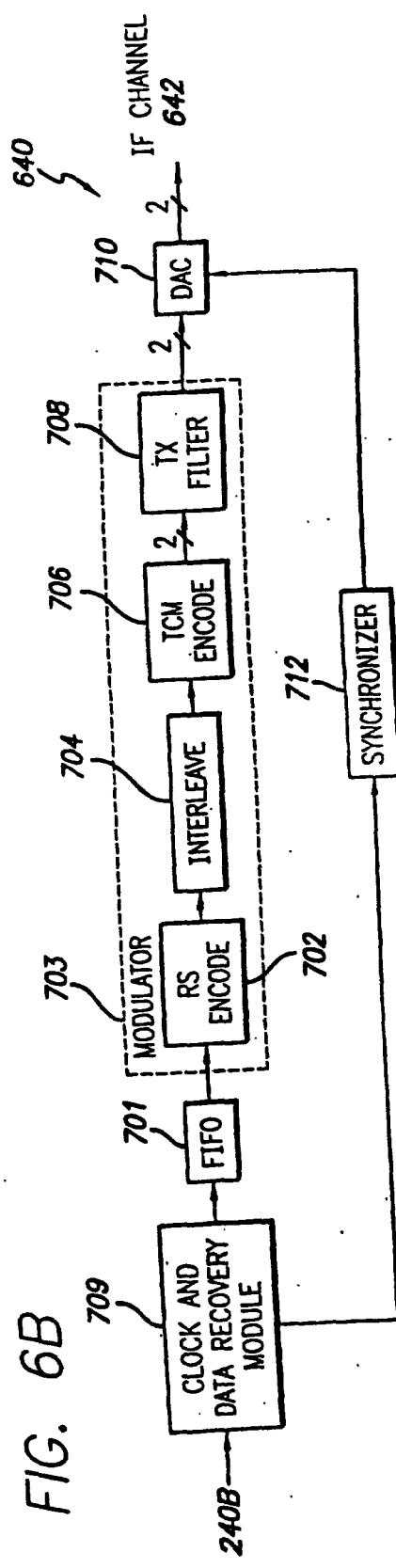


FIG. 6B



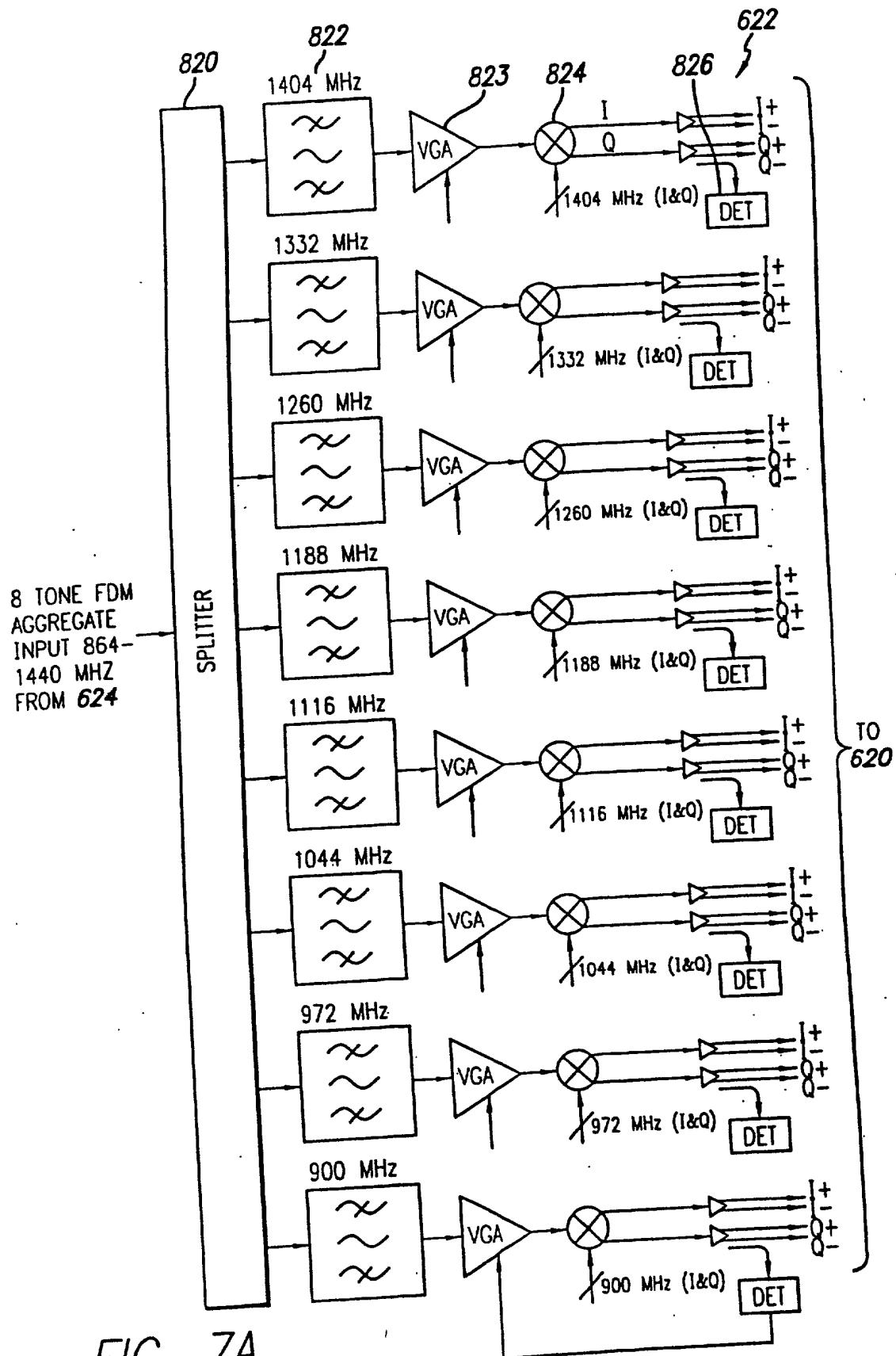


FIG. 7A

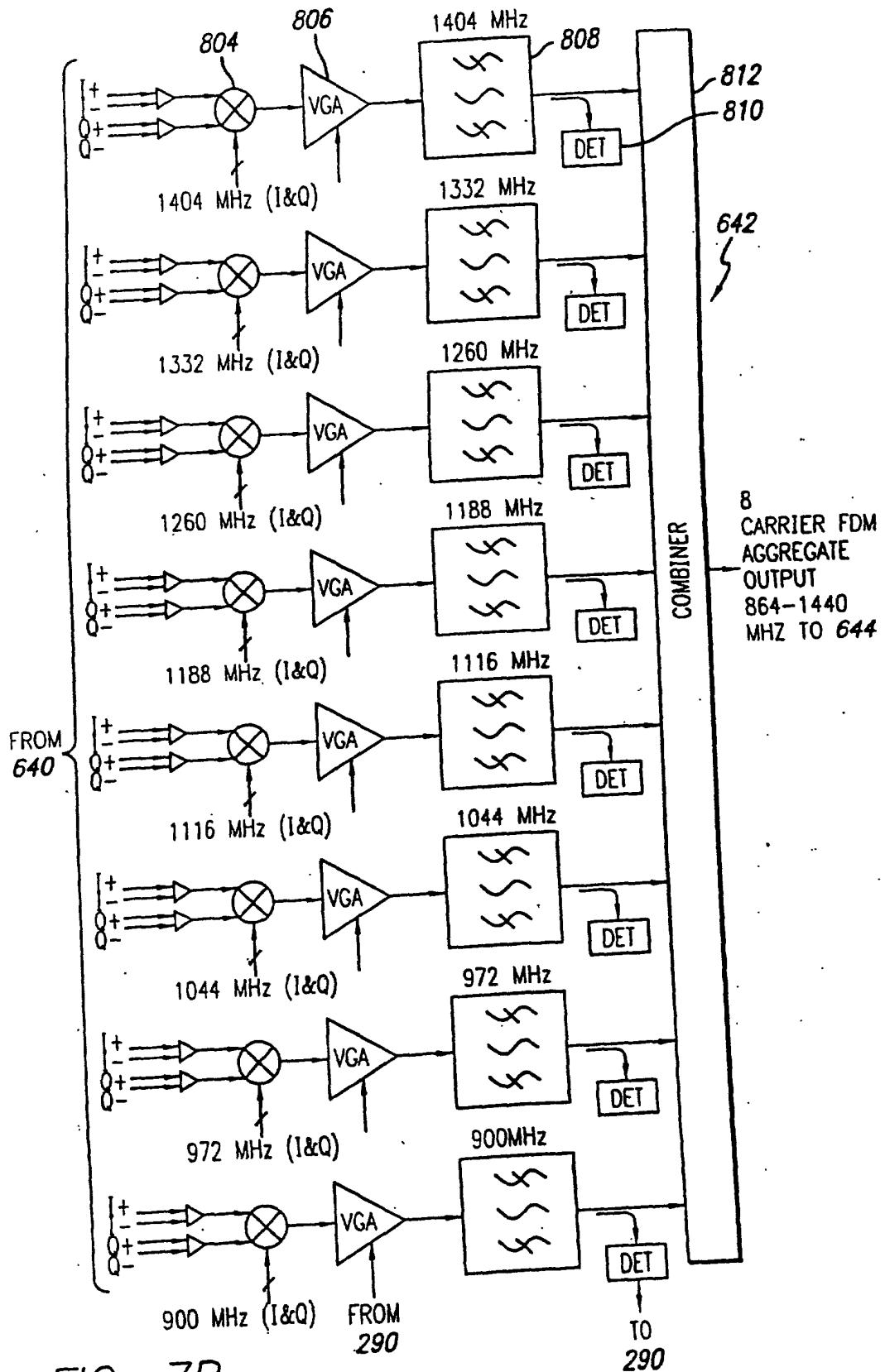


FIG. 7B

FIG. 8A

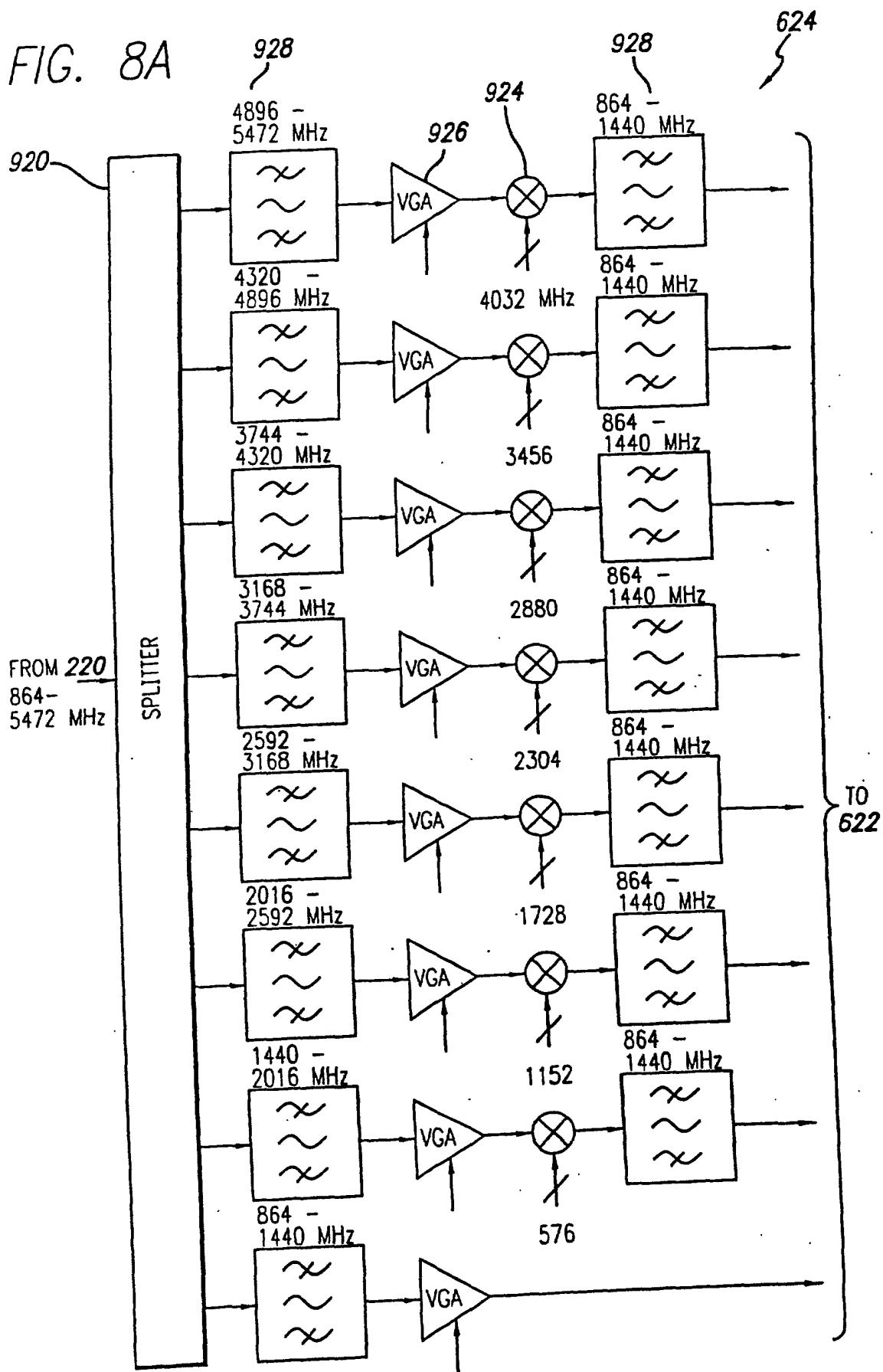
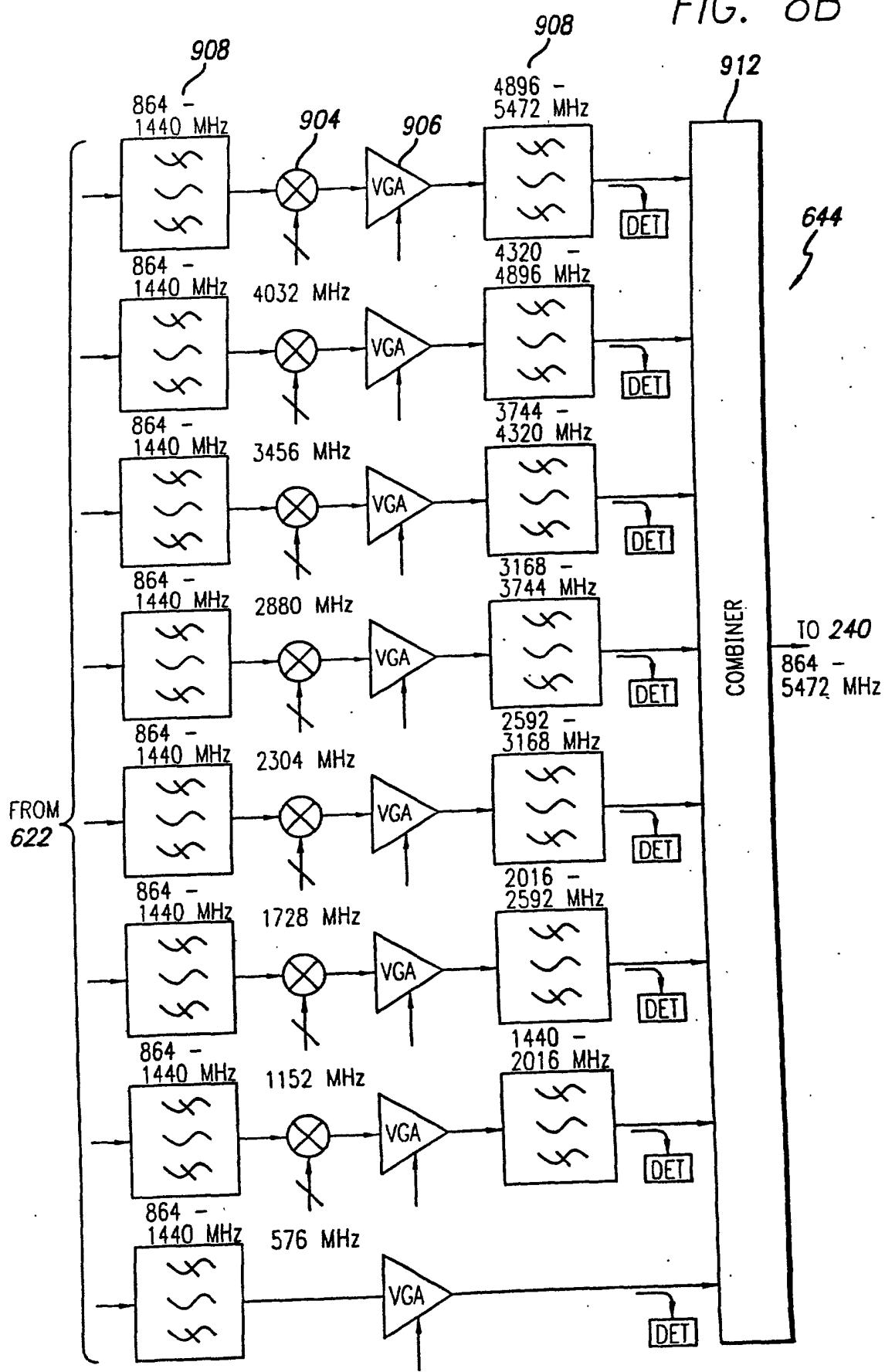
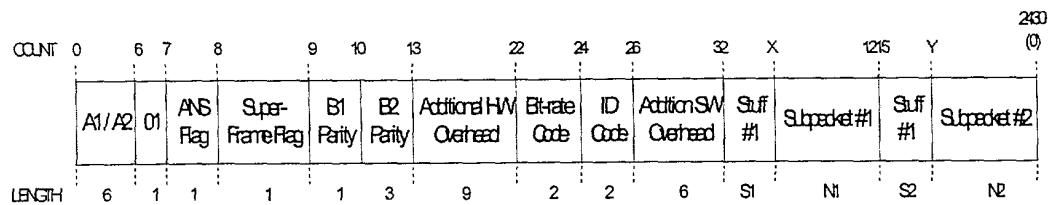


FIG. 8B





A1/A2bytes - SONET header for STS3

Additional SWOverhead-6bytes

Additional HWOverhead-9bytes

Subpacket - target bytes carried in frame Two subpackets to reduce system latency.

Stuff - stuff bytes to fill unused parts of packet

Parity- 1byte parity for performance monitoring

N1-subpacket 1 byte count

N2-subpacket 2 byte count

N1+N2=N(target signal bytes per frame)

S1-Stuff #1 byte count

S2-Stuff #2 byte count

X-Stuff #1 end count. Memory mapped register

Y-Stuff #2 end count. Memory Mapped register

T- Target Signal Data Rate

$$N = T/(8T-2) * (1/8) * (1/4) \text{ bytes/frame}$$

$$S1 + S2 = 2430 - N - 32 \text{ bytes/frame}$$

## Figure 9

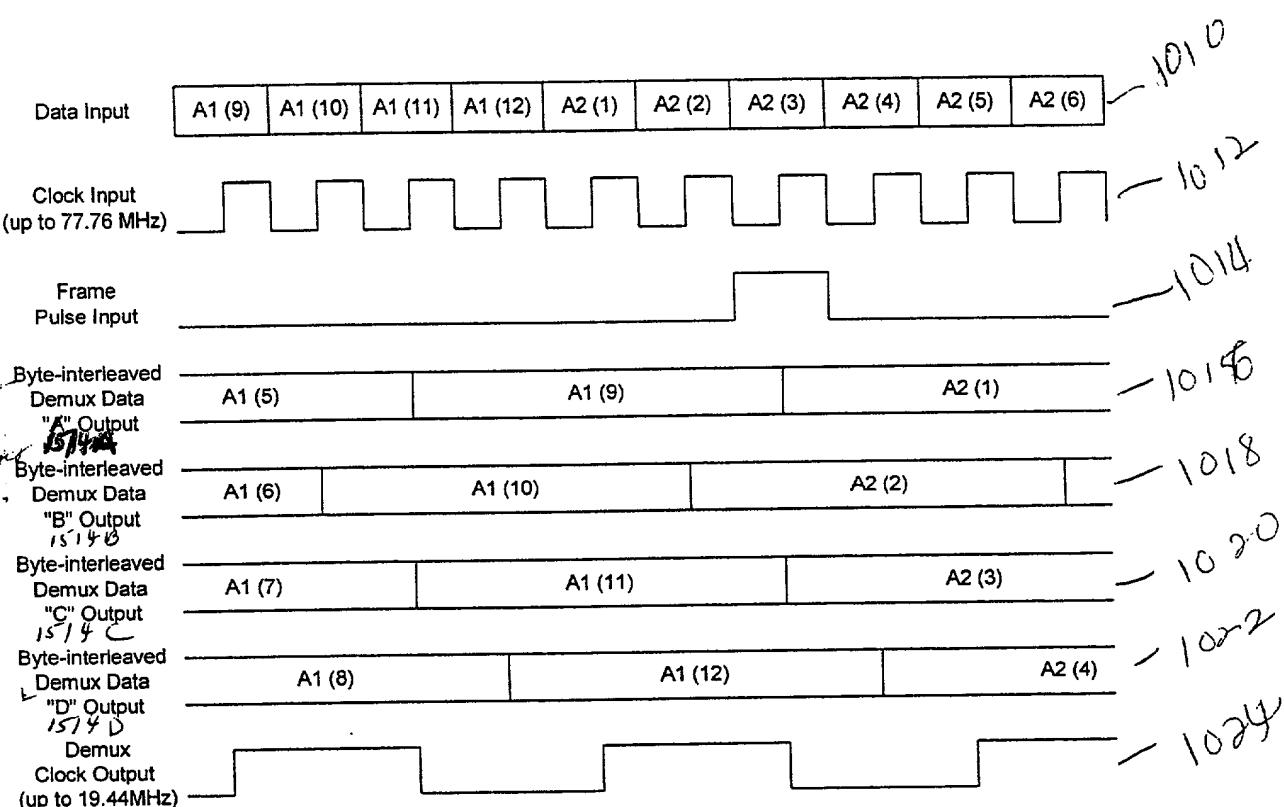


Figure 10

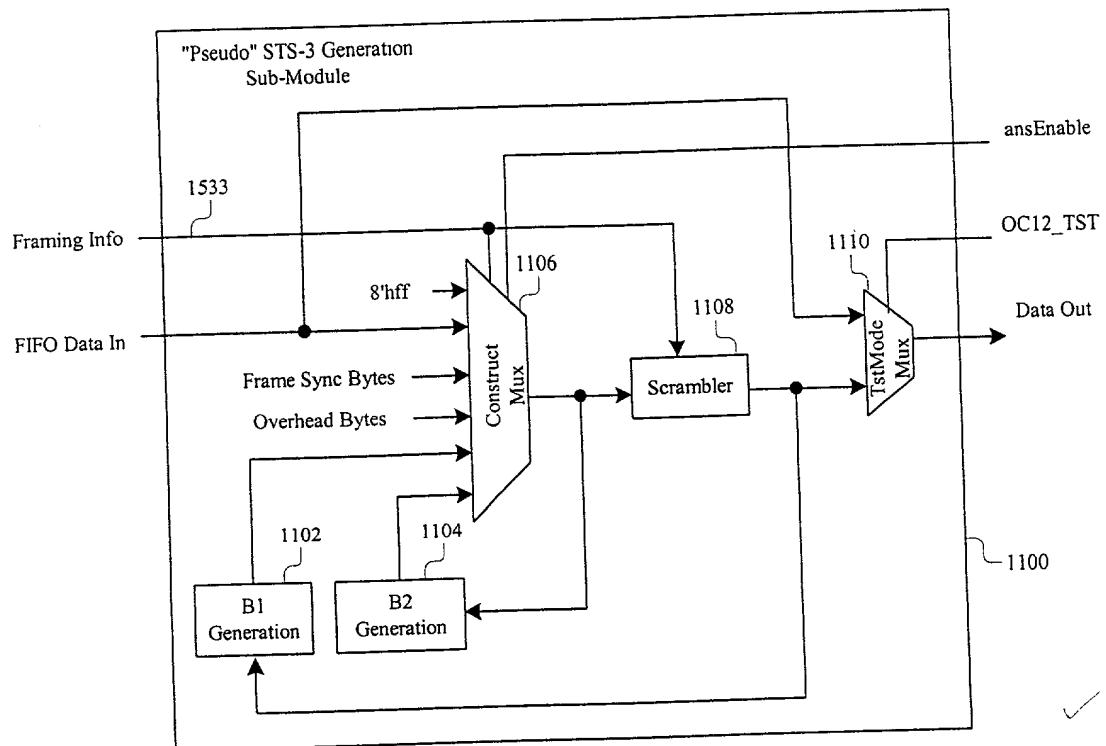


Figure 11

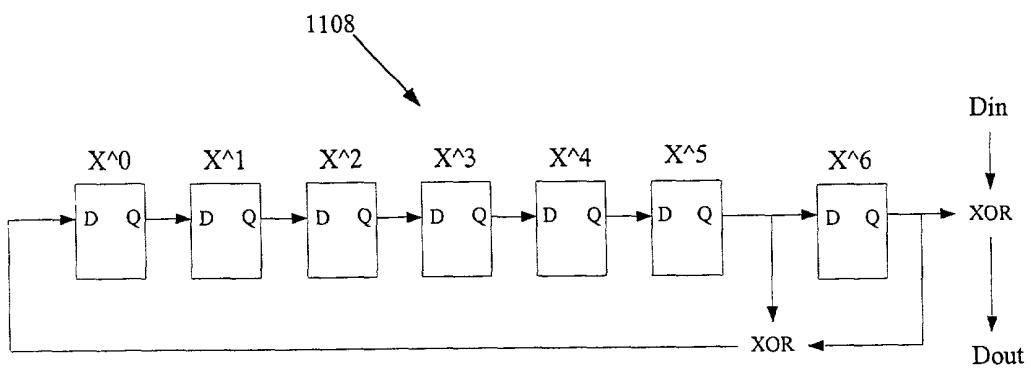


Figure 12

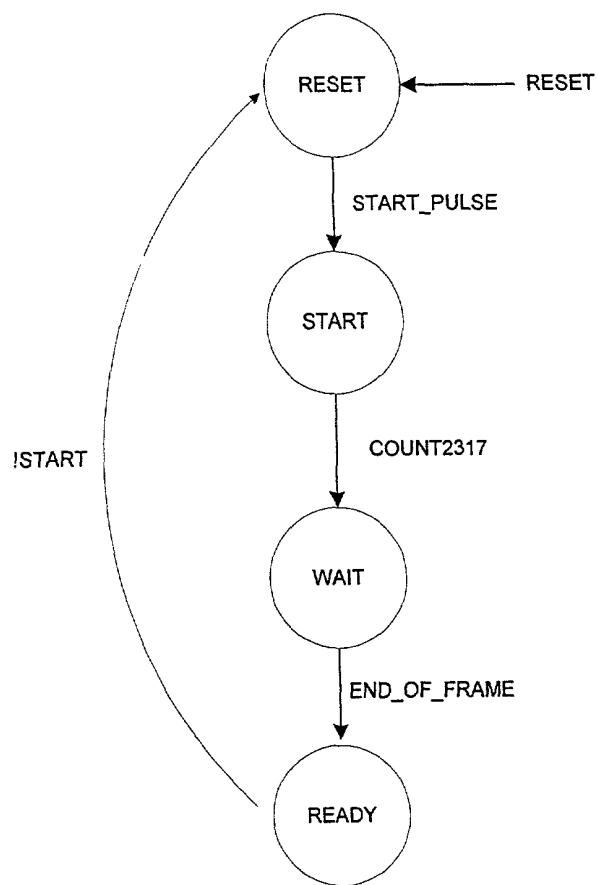


Figure 13

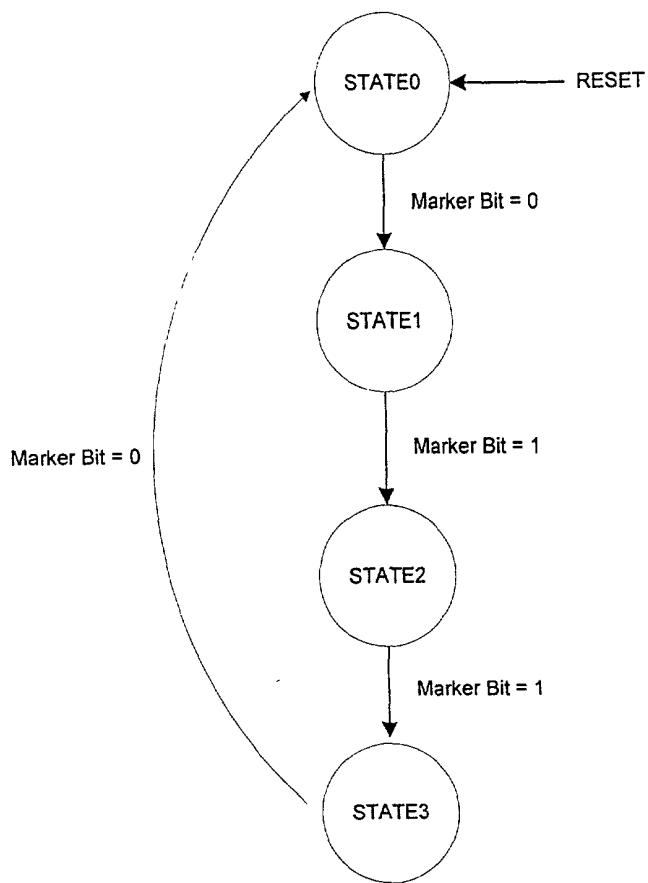


Figure 14

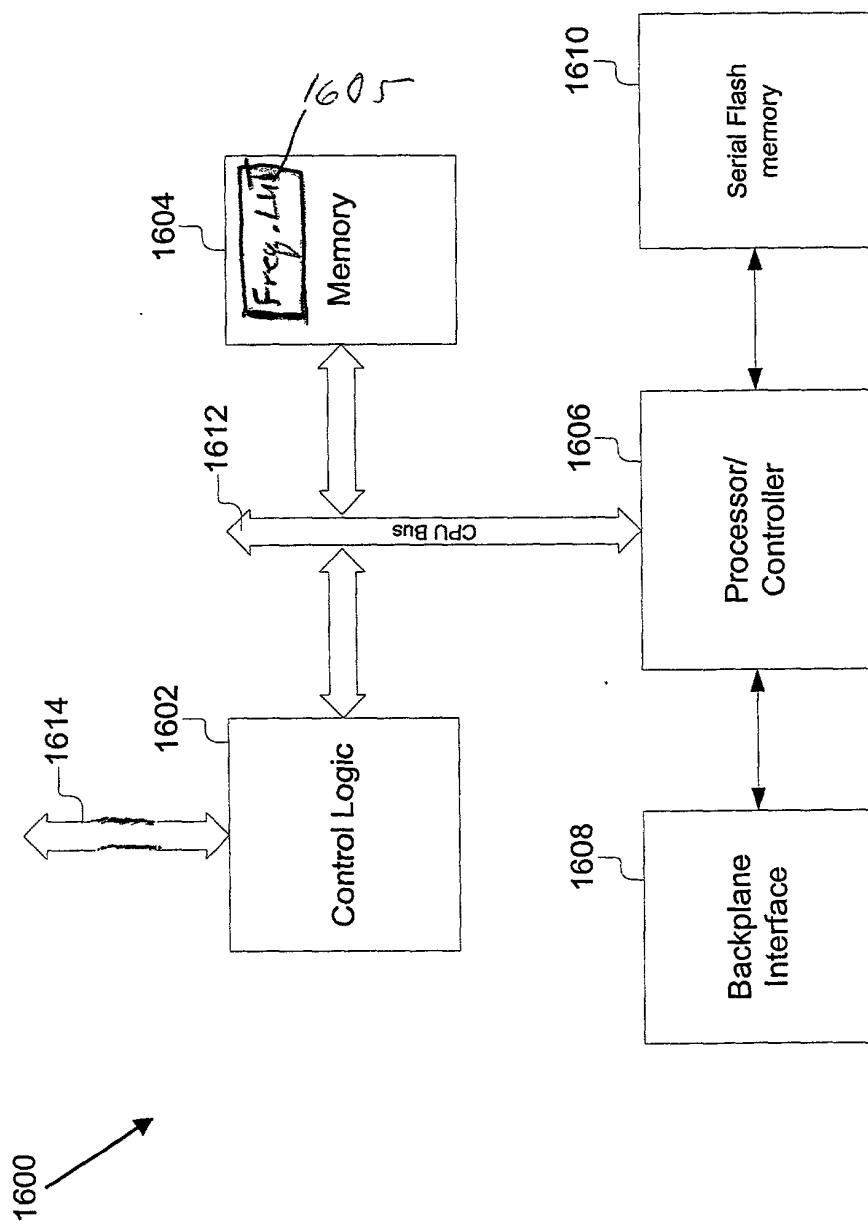


Figure 15

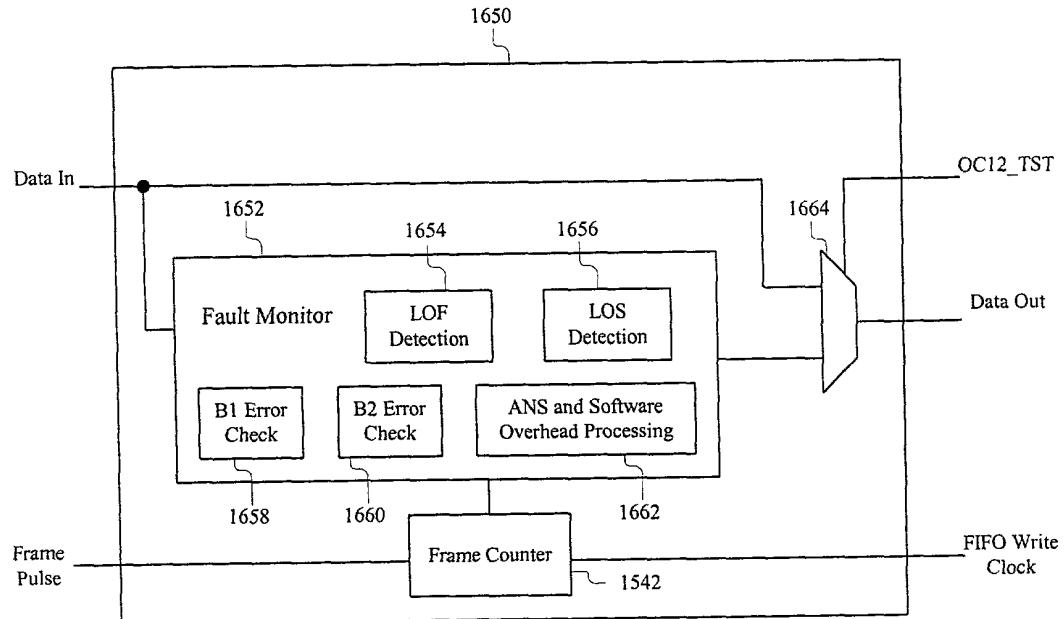


Figure 16

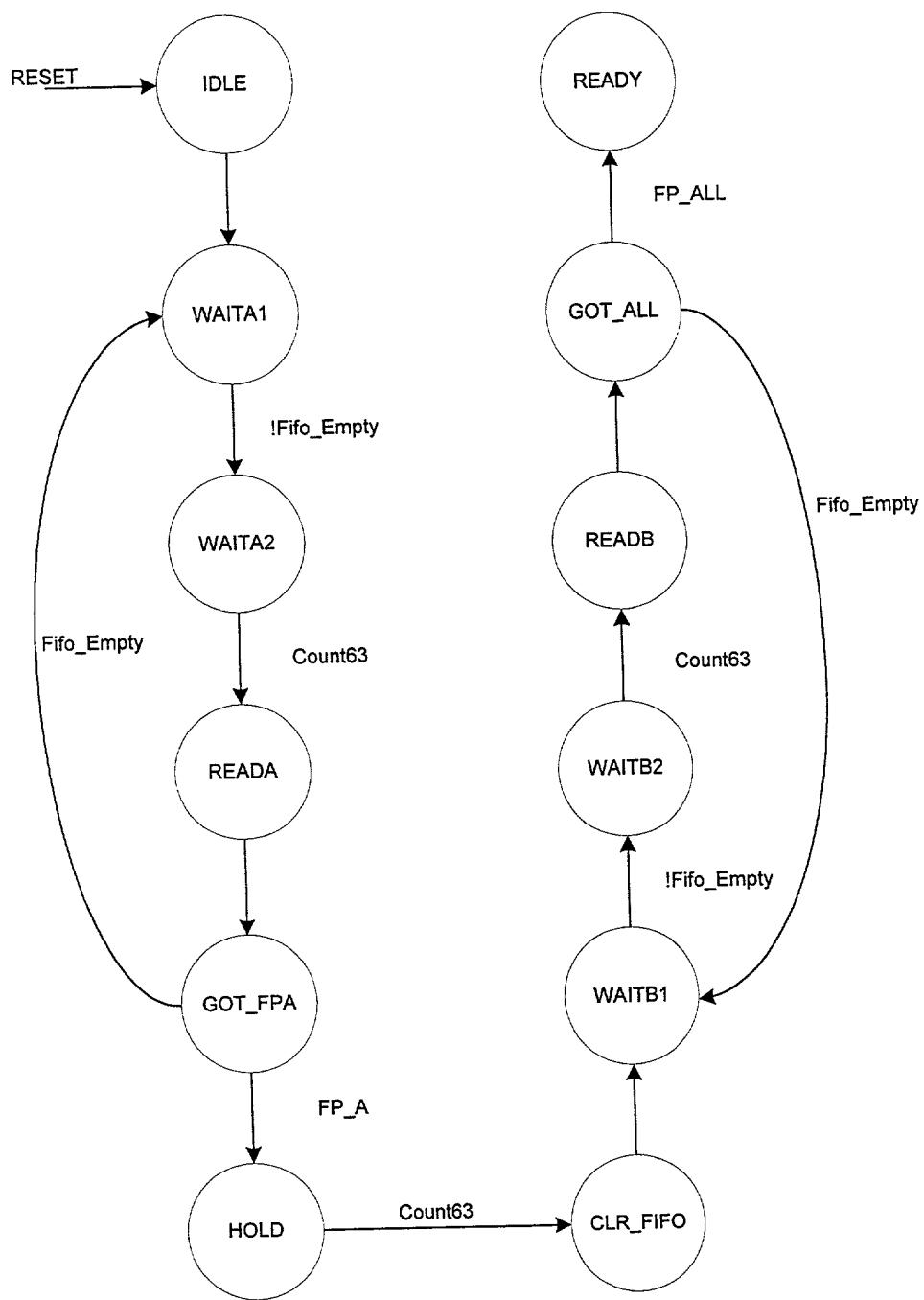


Figure 17

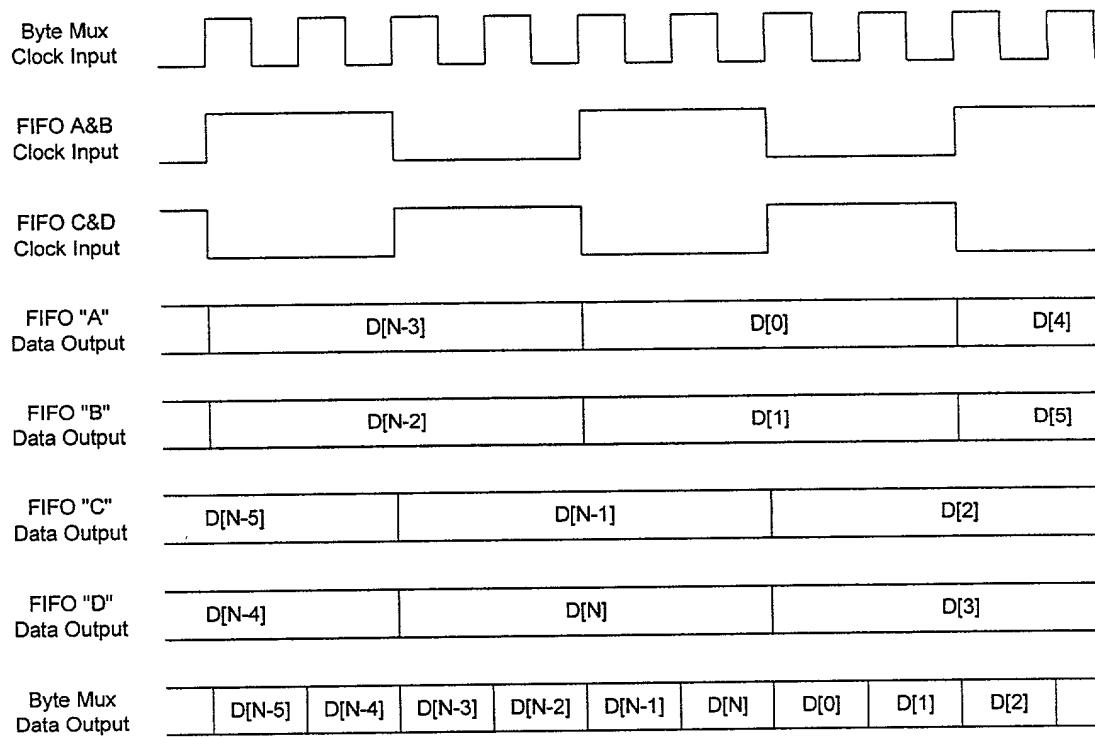


Figure 18